

List of Patents and Publications For
Applicant's Information Disclosure
Statement

Serial No.: 09/517,993

Applicants: Jerome H. Lemelson, et al.

Filed: 3/3/00

Group: 2748

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
AAA AAA	A	4,025,721	05/24/77	Graupe, et al.	179	1 P	
	B	4,118,601	10/03/78	Yeap	179	1 D	
	C	4,461,025	07/17/84	Franklin	381	56	
	D	4,630,304	12/16/86	Borth, et al.	381	94	
	E	4,677,677	06/30/87	Eriksson	381	71	
	F	4,891,605	01/01/90	Tirkel	330	279	
	G	5,550,924	08/27/96	Helf, et al.	381	94	
	H	5,581,495	12/03/96	Adkins, et al.	364	724.16	

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes / No
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OTHER ART

Examiner Initials		Author, Title, Date, Pertinent Pages, Etc.
AAA AAA	A	Savioja, Lauri/Rinne, Timo J./Takala, Tapio; "Simulation of Room Acoustics with a 3-D Finite Difference Mesh"; Helsinki University of Technology.
	B	Vogel, Durk P./Schurer, Hans/Slump, Cornelis H./Herrmann, Otto E.; "On the Realization of 3-D Binaural Audio Synthesis in Real Time"; hans@nt.el.utwente.nl
	C	Rindel, Jens Holger; "Computer Simulation Techniques for Acoustical Design of Rooms"; <i>Acoustics Australia</i> , September 1995.
	D	Schurer, H./Slump, C. H./ Hermann, O.E.; "Digital Compensation of Nonlinear Distortion in Loudspeakers"; hans@nt.el.utwente.nl
	E	Naylor, Graham/Rindel, Jens Holger; "Predicting Room Acoustical Behaviour with the ODEON Computer Model"; Presented as paper 3aAA3 at the 124 th ASA meeting, New Orleans, November 1992.
	F	Rindel, J.H.; "Computer Simulation Techniques for Acoustical Design of Rooms - How to Treat Reflections in Sound Field Simulation"; /ASVA 97, Tokyo, April 1997, pgs. 201-208

Examiner:

Angela Armstrong

Date Considered:

7/29/2004

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G Sankar, Ananth/Heck, Larry/Stolcke, Andreas; "Acoustic Modeling for the SRI Hub-4 Partitioned Evaluation Continuous Speech Recognition System; Speech Technology and Research Laboratory SRI International

H Cohen, M./Rumelhart, D./Morgan, N./Franco, H./Abrash, V./Konig, Y.; "Combining Neural Networks and Hidden Markov Models for Continuous Speech Recognition".

I Mohri, M./Riley, M./Hindle, D./Ljolje, A./Pereira, F.; "Full Expansion of Context-Dependent Networks in Large Vocabulary Speech Recognition"; AT&T Labs Research; (mohri,riley,dmh,alj,pereira)@research.att.com

J Cohen, M./Franco, H./Morgan, N./Rumelhart, D./Abrash, V./Konig, Y.; "Integrating Neural Networks into Computer Speech Recognition Systems".

K Abrash, Victor; "Mixture Input Transformations for Adaptation of Hybrid Connectionist Speech Recognizers" SRI International; victor@speech.sri.com

L Heck, Larry/Sankar, Ananth; "Acoustic Clustering and Adaptation for Robust Speech Recognition"; SRI International; (heck,sankar)@speech.sri.com

M Stolcke, Andreas/Shriberg, Elizabeth; "Statistical Language Modeling for Speech Disfluencies"; SRI International; stolcke@speech.sri.com, ees@speech.sri.com

N Cole, Ronald A./Burnett, Daniel/Weatherill, Vince; "An Evaluation Guide for Emergent Technologies in Automatic Speech Recognition"; Center for Spoken Language Understanding, Department of Computer Science and Engineering, Oregon Graduate Institute of Science & Technology, December 6, 1993.

O www.cscd.nwu.edu/public/ears/assistive; "Assistive Communicative Devices"; 11/16/99

P www.cscd.nwu.edu/public/ears/perforated; "Perforated Eardrum"; 11/3/99

Q www.cscd.nwu.edu/public/ears/hearloss; "Hearing Loss"; 11/4/99

R www.cscd.nwu.edu/public/ears/cochlear; "Cochlear Implant: A Device to Help the Deaf Hear"; 11/3/99

S www.cscd.nwu.edu/public/ears/earache; "Earache and Otitis Media"; 11/3/99

T www.cscd.nwu.edu/public/ears/cholesteatoma; "Cholesteatoma: A Serious Ear Condition"; 11/3/99

U www.cscd.nwu.edu/public/ears/otosclerosis; "Otosclerosis"; 11/3/99

V www.cscd.nwu.edu/public/balance/perilymph; "Perilymph Fistula"; 11/3/99

W www.cscd.nwu.edu/public/balance/acoustic; "Acoustic Neuroma"; 11/3/99

X www.cscd.nwu.edu/public/ears/noise; "Noise, Ears, and Hearing Protection"; 11/3/99

Y www.cscd.nwu.edu/public/ears/menieres/index; "Meniere's Disease"; 11/3/99

Z www.cscd.nwu.edu/public/balance/test; "Testing for Vestibular Disorders"; 11/3/99

AA www.utdallas.edu/~thib/rehabinfo/tohl; "Types of Hearing Loss"; 6/29/99

BB www.eos.ncsu.edu/bae/research/bla...projects/1998/asstdevice_98/hearing; "Communications Aids"; 11/16/99

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CC www.ama-assn.org/sci-pubs/sci-news/1998; "More Than 7 Million American Children Have Hearing Loss"; Science News Update, Week of April 8, 1998

DD www.neuro.new.edu/programs/vestib/edu/hearing/cent_hearing; "Central Hearing Loss"; 11/3/99

EE http://headwize.com/tech/anr_tech; "Active Noise Reduction Headphone Systems"; HeadWize Technical Papers; 11/22/99

FF www.askmar.com/askmar/Noise/Noise%20Effects/Noise; Suter, Alice H.; "Noise and Its Effects"; Administrative Conference of the United States; November 1991; 11/16/99

GG www.compsoc.man.ac.uk/~maniac/resource_web/harmony_central/eq; Harmony Central Effects Explained: Equalization; 7/19/99

HH www.cs.tut.fi/~ypsilon/80545/RoomAcoustics; "Room Acoustics"; 9/28/99

II www.docshop.com/info/hearingloss; Lovering, Larry J.; "Hearing Loss: The Neglected Disorder", 7/15/99

JJ www.boystown.org/feafgene.reg/fundamen; "Fundamentals of Hearing Part 1", 7/19/99

KK www.audiologyawareness.com/hhhelp/audiogram; "How Do We Read and Audiogram"; The Audiology Awareness Campaign; 7/19/99

LL <http://audiorevolution.com/equip/theatermaster/index>; "Enlightened Audio Designs Theater Master"; 1/5/2000

MM www.mvblind.uni-linz.ac.at/myb/research/voice/deliv; "The Voice Project", 6/28/99

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